

P921US01_Seq list ST25
SEQUENCE LISTING

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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 NFQ=Non-fluorescent quencher

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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research cat# 10-1905-90) S : Spacer C3 CPG (Glen research cat# 20-2913-01)
P : PC Spacer Phosphoramidite (Glen research cat# 10-4913-90)

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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P921US01_Seq list ST25

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cggcagcctt accgtcgac atcaacaact ggttccttggg aggaccacgt ccacaggtgc 60
accaggtggt t 71

<210> 223
<211> 72
<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<400> 223
cggcagccct cgcgtcgac atagtctcct ccacttccat gaggacctgg tgcgccacga 60
cgtgcttcgg tt 72

<210> 224
<211> 72
<212> DNA
<213> Artificial

P921US01_Seq list ST25

<220>
 <223> Synthetic construct

<400> 224
 cggcagcggtt atcgtcgcac atccagtgcag agactgaaca gaggaccact gagctgctcc 60
 tccaggtggg tt 72

<210> 225
 <211> 72
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 225
 cggcagctaa cacgtcgcac atccagcttc taggaagaca gaggacctac ctctgtctca 60
 cgtcctgccg tt 72

<210> 226
 <211> 72
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 226
 cgggtgtctgg tcgtctgcag catcgtcctc tgctagtgcag ctcaagaagt gtgcgacggg 60
 aatgctgccg ct 72

<210> 227
 <211> 69
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 227
 cggcagcggg tacgtcgcac aagtacgaac gtgcatcaga gaggtcgacc ctgcaggtgg 60
 agctccgtt 69

<210> 228
 <211> 72
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 228
 cggcagcagc tccgtcgcac atccagtgcag agactgaaca gaggacagca cctggaggta 60
 ggaccacggg tt 72

P921US01_Seq list ST25

<210> 229
 <211> 73
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

 <400> 229
 cggcagctaa cacgtcgcac atcgaacttg ttgcttcctc gaaggaccac tgagctgctc 60
 ctccaggtgg gtt 73

 <210> 230
 <211> 72
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

 <400> 230
 cgggtgctgg tcgtctgcag catcgtcctc tgctagtgc a ctcaagaagt gtgcgacggg 60
 aatgctgccg ct 72

 <210> 231
 <211> 72
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

 <400> 231
 cggcagcatt cccgtcgcac acttcttgag tgcactagca gaggacgatg ctgcagacga 60
 ccagcaccg tt 72

 <210> 232
 <211> 70
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

 <400> 232
 cgcgaccagg atggacctcg tcgagtcctc tgttcagtct tgcactggat gcgacggcac 60
 tgctgccgct 70

 <210> 233
 <211> 75
 <212> DNA
 <213> Artificial

P921US01_Seq list ST25

<220>
 <223> Synthetic construct

<400> 233
 ggaacctgga cagttggaga cctcgtgggc ctcgtctaca agtcatgggtg tatgtgcgac 60
 gaccaggctg ccgct 75

<210> 234
 <211> 72
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 234
 cggcagccgc accgtcgcac agcatcttga gtcgttgaac gaggactcga ccactgcagg 60
 tggagctccg tt 72

<210> 235
 <211> 72
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 235
 cggcagcaca cccgtcgcac aggaacatca aagatcctga gaggaccatc tcgacgacct 60
 gctcctgggg tt 72

<210> 236
 <211> 71
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 236
 cggctgacga ggtcctcgaa ctggctctca cctagtagga acgtcctttg tgcgacgagt 60
 tggctgccgc t 71

<210> 237
 <211> 71
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 237
 cggcagctct gccgtcgcac acttcttgag tgcactagca gaggaccacg aggtctccac 60
 tgggtccaggt t 71

P921US01_Seq list ST25

<210> 238
 <211> 72
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

 <400> 238
 cgctgctgct cacctcgaca ccaggctctc cttggatctc gtcagagatt gtgcgacggc 60
 tcggctgccg ct 72

 <210> 239
 <211> 73
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

 <400> 239
 cggcagccac tccgtcgcac actgagtgtg tagtaccaac gaggacgagc acgaggagca 60
 cgtgtccagc gtt 73

 <210> 240
 <211> 75
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

 <220>
 <221> misc_feature
 <222> (52)..(52)
 <223> n is a, c, g, t or u

 <220>
 <221> misc_feature
 <222> (70)..(70)
 <223> n is a, c, g, t or u

 <400> 240
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 tgctaccgtn gggtt 75

 <210> 241
 <211> 77
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthetic construct

P921US01_Seq list ST25

<400> 241
cggcagcatc ctcgtcgcac atagtagctt ggtacgtatg accgaggacc acagaaggtc 60
tccacgtggt ccaggtt 77

<210> 242
<211> 74
<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<400> 242
ggcagcattc ccggtcgcac acttcttgag tgcactagca gaggacgatg ctgcagacga 60
ccatgcaccc gttc 74

<210> 243
<211> 72
<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<400> 243
ggcagcattc ccgtcgcac cttcttgagt gcactagcag aggacgatgc tgcagacgac 60
cagcacccgt tc 72

<210> 244
<211> 78
<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<400> 244
ggcagctatt ccactgtcgc tacacttctt gtagtgcact agcagaggac gatgctgcat 60
acagaccagc acccgttc 78

<210> 245
<211> 76
<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<400> 245
ggcagcattc tctcgtcgca cacttcttga gtgcagctag cagaggatcg atgctgcatg 60
acgatccagc acccgt 76

<210> 246

P921US01_Seq list ST25

<211> 74
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 246
 gctagcattc gccgttgac acttcttgag tgcagtagca gaggacgatg ctgcagacga 60
 gccagcaccc gtgc 74

<210> 247
 <211> 73
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 247
 ggcagcattc ccgtcgaca cttcttgagt gcattagcag aggacgatgc tgcagagcga 60
 ccagcacccg ttc 73

<210> 248
 <211> 78
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<400> 248
 ggcagcgttt cgcgtgcga cacttcggtg agtgcaatct agcagaggac tgatgctgct 60
 agacgaccag caccggtt 78

<210> 249
 <211> 73
 <212> DNA
 <213> Artificial

<220>
 <223> Synthetic construct

<220>
 <221> misc_feature
 <222> (55)..(55)
 <223> n is a, c, g, t or u

<400> 249
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 ccagcacccg ttc 73

<210> 250
 <211> 76

P921US01_Seq list ST25

<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (48)..(48)
<223> n is a, c, g, t or u

<220>
<221> misc_feature
<222> (58)..(58)
<223> n is a, c, g, t or u

<400> 250
ggcagcattc cacgtcgcta cacttcttga gtgcactagt cagagganga tgctgcanac 60
gacccagcac ccgttc 76

<210> 251
<211> 75
<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (25)..(26)
<223> n is a, c, g, t or u

<400> 251
tggcagcatt cccgtcgcac acttnntgag tgcactagca tgaggatcga tgctgcagag 60
ctaccagcac ccgtt 75

<210> 252
<211> 77
<212> DNA
<213> Artificial

<220>
<223> Synthetic construct

<400> 252
ggcagcatgt cccgtcgcta cgcttcttga gtgcatctag gcagaggacg atgggctgca 60
gacgaccagc acccgtt 77

<210> 253
<211> 75
<212> DNA
<213> Artificial

<220>

<223> Synthetic construct

<400> 253

ggcagcattc ccgtcgcaca cttcttgag tgcaactagc agaggacgat gtctgcagacg 60

gaccagcacc cgttc 75

<210> 254

<211> 73

<212> DNA

<213> Artificial

<220>

<223> Synthetic construct

<400> 254

ggcagcattc ccgtcgcaca cttcttgagt gcactagcag aggacgatgc tgtgcagacg 60

accagcacc gtt 73